

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/541, 078
Source: PCT
Date Processed by STIC: 03/14/2006

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/14/2006

PATENT APPLICATION: US/10/541,078

TIME: 11:02:51

Input Set : E:\SEQLIST.TXT

Output Set: N:\CRF4\03142006\J541078.raw

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4 <110> APPLICANT: MIRANDA, LESLIE PHILLIP
5 KENT, STEPHEN B. H.
7 <120> TITLE OF INVENTION: WATER-SOLUBLE THIOESTER AND SELENOESTER
8 COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME
11 <130> FILE REFERENCE: GRFN-044
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/541,078
C--> 13 <141> CURRENT FILING DATE: 2005-06-29
13 <150> PRIOR APPLICATION NUMBER: 60/437,285
14 <151> PRIOR FILING DATE: 2002-12-30
16 <160> NUMBER OF SEQ ID NOS: 4
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 56
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: GRFN-1712 peptide
28 <220> FEATURE:
29 <221> NAME/KEY: VARIANT
30 <222> LOCATION: (1)...(1)
31 <223> OTHER INFORMATION: Cys is Acn protected
33 <220> FEATURE:
34 <221> NAME/KEY: VARIANT
35 <222> LOCATION: (56)...(56)
36 <223> OTHER INFORMATION: Trp is bound to a thioester moiety
38 <400> SEQUENCE: 1
39 Cys Ser Leu Asn Glu Lys Ile Thr Val Pro Asp Thr Lys Val Asn Phe
40 1 5 10 15
41 Tyr Ala Trp Lys Arg Met Glu Val Gly Gln Gln Ala Val Glu Val Trp
42 20 25 30
43 Gln Gly Leu Ala Leu Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu
44 35 40 45
45 Leu Val Lys Ser Ser Gln Pro Trp
46 50 55
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 56
51 <212> TYPE: PRT
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: GRFN 1712-PLP3 peptide
57 <220> FEATURE:
58 <221> NAME/KEY: VARIANT
59 <222> LOCATION: (1)...(1)

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60 <223> OTHER INFORMATION: Cys is Acn protected
62 <220> FEATURE:
63 <221> NAME/KEY: VARIANT
64 <222> LOCATION: (56)...(56)
65 <223> OTHER INFORMATION: Trp is bound to a thioester-PLP3-L moiety
67 <400> SEQUENCE: 2
68 Cys Ser Leu Asn Glu Lys Ile Thr Val Pro Asp Thr Lys Val Asn Phe
69 1 5 10 15
70 Tyr Ala Trp Lys Arg Met Glu Val Gly Gln Gln Ala Val Glu Val Trp
71 20 25 30
72 Gln Gly Leu Ala Leu Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu
73 35 40 45
74 Leu Val Lys Ser Ser Gln Pro Trp
75 50 55
78 <210> SEQ ID NO: 3
79 <211> LENGTH: 51
80 <212> TYPE: PRT
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: GRFN 1852 peptide
86 <220> FEATURE:
87 <221> NAME/KEY: VARIANT
88 <222> LOCATION: (1)...(1)
89 <223> OTHER INFORMATION: Cys is Acn protected
91 <220> FEATURE:
92 <221> NAME/KEY: VARIANT
93 <222> LOCATION: (51)...(51)
94 <223> OTHER INFORMATION: Leu is bound to a thioester moiety
96 <400> SEQUENCE: 3
97 Cys Leu Ser Gln Leu His Ser Gly Leu Phe Leu Tyr Gln Gly Leu Leu
98 1 5 10 15
99 Gln Ala Leu Glu Gly Ile Ser Pro Glu Leu Gly Pro Thr Leu Asp Thr
100 20 25 30
101 Leu Gln Leu Asp Val Ala Asp Phe Ala Thr Thr Ile Trp Gln Gln Met
102 35 40 45
103 Glu Glu Leu
104 50
107 <210> SEQ ID NO: 4
108 <211> LENGTH: 51
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: GRFN 1852-PLP3 peptide
115 <220> FEATURE:
116 <221> NAME/KEY: VARIANT
117 <222> LOCATION: (1)...(1)
118 <223> OTHER INFORMATION: Cys is Acn protected
120 <220> FEATURE:
121 <221> NAME/KEY: VARIANT

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122 <222> LOCATION: (51)...(51)
123 <223> OTHER INFORMATION: Leu is bound to a thioester-PLP3-Leu moiety
125 <400> SEQUENCE: 4
126 Cys Leu Ser Gln Leu His Ser Gly Leu Phe Leu Tyr Gln Gly Leu Leu
127 1 5 10 15
128 Gln Ala Leu Glu Gly Ile Ser Pro Glu Leu Gly Pro Thr Leu Asp Thr
129 20 25 30
130 Leu Gln Leu Asp Val Ala Asp Phe Ala Thr Thr Ile Trp Gln Gln Met
131 35 40 45
132 Glu Glu Leu
133 50

VERIFICATION SUMMARY

DATE: 03/14/2006

PATENT APPLICATION: US/10/541,078

TIME: 11:02:52

Input Set : E:\SEQLIST.TXT

Output Set: N:\CRF4\03142006\J541078.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date